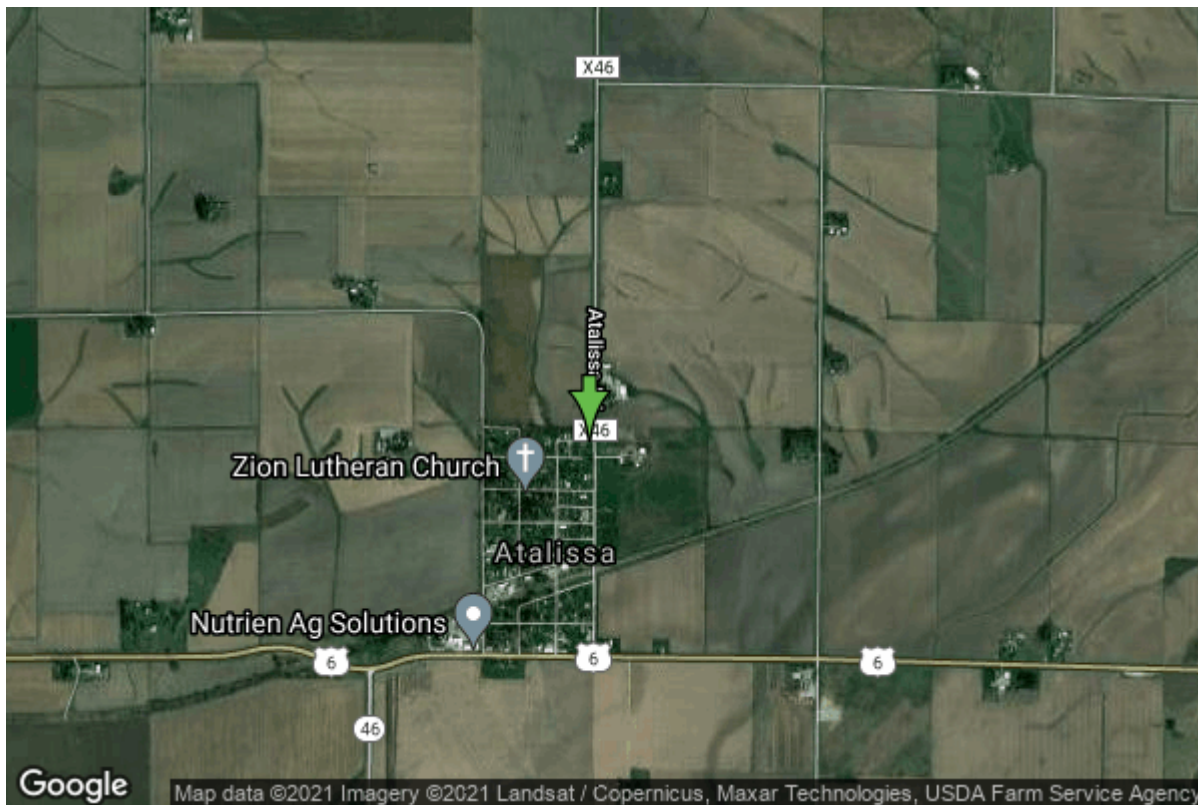


# Well W#32142 Information



<b>Date Received</b>	03/18/1991	<b>State</b>	Iowa
<b>Owner Name</b>	Atalissa, City Of	<b>County</b>	Muscatine
<b>Alt Name</b>	#2	<b>Quadrangle</b>	Atalissa, Iowa
<b>WNumber</b>	32142	<b>Township</b>	T78N
<b>PWTS ID</b>	0	<b>Range</b>	R3W
<b>PWS ID</b>	7009071	<b>Section</b>	11
<b>Storet ID</b>	0	<b>Quarter</b>	SE NW NW
<b>SDWIS ID</b>	2411792	<b>Latitude</b>	41.5747140000
<b>USGS ID</b>	0	<b>Longitude</b>	-91.1638130000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	653080
		<b>UTM Y</b>	4604187

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Latta & Sons Well Drilling
<b>Well Status</b>	Active	<b>Drilling Date</b>	10/01/1990
<b>Field Located</b>	No	<b>Drilling Method</b>	Rotary
<b>Elevation</b>	723 ft	<b>Bedrock Depth</b>	92 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	475 ft
<b>Landscape Position</b>	Hillside	<b>Total Depth</b>	475 ft
		<b>Well Types</b>	Municipal, Public Supply
		<b>Aquifers</b>	Silurian

## Casing Construction Information

<b>Date</b>	10/01/1990	<b>Casing Type</b>	Steel
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	260.00 ft

<b>Diameter</b>	8.00 in	<b>Amount</b>	260.00 ft
<b>Comments</b>			

## Grout Construction Information

<b>Date</b>	10/01/1990		
<b>Grout Type</b>	Cement	<b>Grout Placement</b>	Unknown
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	260.00 ft
<b>Comments</b>			

## Pump Construction Information

<b>Date</b>	10/01/1990	<b>Pump Type</b>	Unknown
<b>Diameter</b>	0.00 in	<b>Rating</b>	200
<b>Depth Intake</b>	262.00 ft		
<b>Comments</b>			

## Log Information

<b>Date</b>	12/11/2009		
<b>Log Types</b>	Strip log		
<b>Prepared By</b>	Unknown		
<b>Comments</b>			

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<b>Date</b>			
<b>Log Types</b>	Drillers log		
<b>Prepared By</b>	Unknown		
<b>Comments</b>			

## Stratigraphy Information

<b>System</b>	Quaternary		
<b>Series</b>	Pleistocene Series		
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	0.00 ft	<b>End Depth</b>	92.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Till	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Cedar Valley		
<b>Formation</b>	Little Cedar		
<b>Member</b>	Solon		
<b>Submember</b>			
<b>Start Depth</b>	92.00 ft	<b>End Depth</b>	163.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	75
<b>Secondary Lithology</b>	Dolomite	<b>Percent</b>	25
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Davenport		
<b>Submember</b>			
<b>Start Depth</b>	163.00 ft	<b>End Depth</b>	175.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Limestone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Spring Grove		
<b>Submember</b>			
<b>Start Depth</b>	175.00 ft	<b>End Depth</b>	200.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	60
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	40
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Devonian		
<b>Series</b>			
<b>Group</b>	Wapsipinicon		
<b>Formation</b>	Pinicon Ridge		
<b>Member</b>	Kenwood		
<b>Submember</b>			

<b>Start Depth</b>	200.00 ft	<b>End Depth</b>	225.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	82
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	18
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Silurian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>			
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	225.00 ft	<b>End Depth</b>	468.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Maquoketa		
<b>Member</b>	Brainard Shale		
<b>Submember</b>			
<b>Start Depth</b>	468.00 ft	<b>End Depth</b>	475.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	90
<b>Secondary Lithology</b>	Shale	<b>Percent</b>	10
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

## Water Production Information

<b>Date</b>	10/01/1990	<b>Start Time</b>	
<b>Aquifer</b>	Unknown		
<b>Static Water Level</b>	100.00 ft	<b>Yield</b>	220 gallons per minute
<b>Pumping Water Level</b>	197 ft	<b>Yield Method</b>	Unknown
<b>Measurement</b>	Unknown	<b>Pump Test</b>	Yes
<b>Pump Method</b>	Unknown	<b>Duration</b>	0 mins
<b>Comments</b>	258` AIRLINE TO MONITOP WATER LEVEL. SWL 100.38` Formal pump test on file		

# Chip Storage Information

<b>Date</b>	03/25/1991	<b>Bin</b>	
<b>Storage</b>	OD2-673,674	<b>Number of Samples</b>	94
<b>Number of Boxes</b>	2	<b>Sample Gaps</b>	255-60
<b>Sample Intervals</b>	5	<b>Sample Bottom</b>	475 ft
<b>Sample Top</b>	0 ft	<b>Washed Bottom</b>	475 ft
<b>Washed Top</b>	85 ft		
<b>Duplicate Storage</b>			
<b>Comments</b>			

<https://www.iihr.uiowa.edu/igs/geosam/well/32142/general-information>